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Cole

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TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/622,874	
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	First Named Inventor	Minano, Juan Carlos	
	Art Unit	2873	
	Examiner Name	Collins, Darryl J.	
Total Number of Pages in This Submission	7	Attorney Docket Number	3084.007

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance communication to (TC) <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): (SEE REMARKS BELOW)
<div>Remarks</div> <div>Request for Certificate of Correction (4 pages)</div> <div>Certificate of Correction PTO/SB/44 in duplicate (2 pages)</div> <div>Return Receipt Requested</div>		

Certificate
SEP 15 2005
of Correction

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm Name	SINSHEIMER, SCHIEBELHUT & BAGGETT		
Signature	<i>[Signature]</i>		
Printed name	Thomas F. Lebens		
Date	9/9/05	Reg. No.	38221

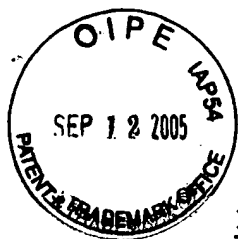
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Signature	<i>[Signature]</i>		
Typed or printed name	Thomas F. Lebens	Date	9/9/05

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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SEP 10 2005

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DOCKET NO. 3084.007
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : 10/622,874
Applicant(s) : Minano, et al.
Filed : 7/18/2003
TC/A.U. : 2873
Examiner : Collins, Darryl J.

Docket No. : 3084.007
Customer No. : 26375
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Thomas E. Lebens
Registration No. 38,221
Attorney for Applicant(s)

**REQUEST FOR CERTIFICATE OF CORRECTION
PURUANT TO 37 C.F.R. § 1.322**

Certificate of Correction Branch
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Transmitted herewith is a Certificate of Correction for United States Patent 6,924,943 issued August 2, 2005. Upon reviewing the patent, the following errors were noted and should be corrected as follows:

In the CLAIMS:

Claim 5, column 10, line 62, between "deflective" and "facets" delete "--" (hyphen).

Claim 10, column 11, line 9, delete "claim 9" and insert --claim 8--.

SEP 19 2005

The Certificate of Correction sets forth these corrections.

Remarks

A review of these documents confirms that the errors were made in the printing of the patent. Please see highlighted areas of Exhibit "A", pages 15 and 16 from the application as filed on July 18, 2003.

Since these errors for which a Certificate of Correction is requested are a result of the United States Patent and Trademark Office mistake, no fee is due (35 U.S.C. § 254). Please charge any deficiency or overpayment in fees to Deposit Account 50-1616.

Respectfully submitted,

SINSHEIMER, SCHIEBELHUT & BAGGETT

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Claims

5 [c1]

1. A tilted-beam illumination lens system, comprising:
a smooth upper surface; and
a lower surface comprising a plurality of deflective facets deployed asymmetrically about
an axis tilted from the surface normal of said upper surface, said lower-surface facets
receiving light from a common focal zone and forming a beam therefrom, said beam
propagating upward within the body of said lens along said tilted axis, said beam
exiting said upper surface with a net deflection angle relative to said surface normal of
said smooth upper surface, said deflective facets comprising both refractive and totally
internally reflecting facets.

15 [c2]

2. The system of Claim 1 wherein said deflection angle is 30° or more.
[c3]

3. The system of Claim 1 wherein positioned within said focal zone are one or more
light-emitting diodes.

[c4]

4. The system of Claim 1 wherein said system is for use on a vehicle.
[c5]

25 [c5]

5. The system of Claim 1 wherein said smooth upper surface has curvature conformal
with that of the surface onto which said system is installed, and said deflective facets act
to counter said curvature to produce substantially parallel rays exiting said upper
surface.

30 [c6]

6. The system of Claim 1 wherein said deflective facets are linear grooves with transverse
deflection, and said focal zone is a linear strip.

[c7]

35

7. The system of Claim 6 wherein said transverse deflection of said plurality of
longitudinal facets is the same on both sides of said focal zone.

[c8]

40 [c9]

8. The system of Claim 6 wherein said focal strip bears a multiplicity of point sources.

45

9. The system of Claim 8 wherein said external surface comprises a plurality of transverse cylindrical lenses in correspondence with said point sources.
[c10]

5 10. The system of Claim 8 wherein each of said transverse cylindrical lenses comprises multiple radii of curvature.
[c11]

10 11. The system of Claim 1 wherein said deflective facets are circular grooves with a central focal zone and a tilted axis of rotational symmetry.
[c12]

15 12. The system of Claim 11 wherein said circular grooves comprise a TIR lens with rim angle greater than 90°, said tilted axis bringing said rim angle level with said focal zone.
[c13]

20 13. A tilted-beam illumination lens, comprising:
a smooth upper surface; and
a lower surface having a first half and a second half, wherein said first half is a converging TIR lens and said second half is a diverging TIR lens, said converging TIR lens and said diverging TIR lens having a plurality of deflective facets, each of said facets having the same output angle such that said first and second halves form a beam substantially off-axis relative to the surface normal of said smooth upper surface.
[c14]

25 14. The lens of Claim 13 wherein said deflection angle is 30° or more.
[c15]

30 15. The lens of Claim 13 wherein said lens is for use on a vehicle.
[c16]

35 16. The lens of Claim 13 wherein said smooth upper surface has a curvature conformal with that of the surface onto which said lens is installed.
[c17]

40 17. A tilted-beam illumination lens, comprising:
a smooth upper surface; and
a lower surface comprising a plurality of deflective facets having a bilaterally symmetric TIR lens profile wherein said TIR lens profile is tilted relative to the surface normal of said smooth upper surface; and
a rim angle greater than 90° such that said lens forms a beam substantially off-axis relative to the surface normal of said smooth upper surface.

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UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO. : 6,924,943
DATED : August 2, 2005
INVENTOR(S) : Minano, et al.

It is certified that errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In the CLAIMS:

Claim 5, column 10, line 62, between "deflective" and "facets" delete "-" (hyphen).

Claim 10, column 11, line 9, delete "claim 9" and insert —claim 8--.

MAILING ADDRESS OF SENDER:
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PATENT NO: 6,924,943

No. of additional copies: 5

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